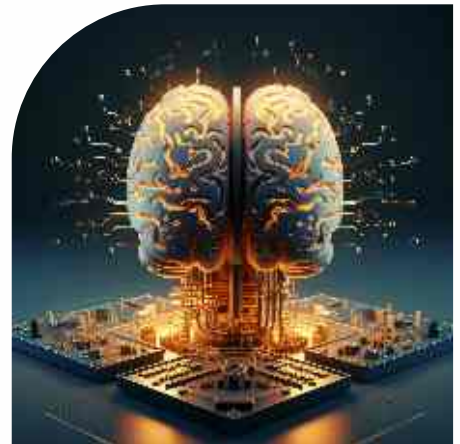




Innovating Machinery Empowering Industries

Ointment / Cosmetics Solution





Welcome to XTECHNOCRAT



Xtechnocrat is a trusted name in the pharmaceutical machinery industry, driven by innovation, precision, and reliability. With a collective team experience of over 40 years, we specialize in designing, manufacturing, and delivering world-class pharmaceutical processing and packaging machinery that meets global regulatory standards.

Our commitment lies in “Smart Machine Innovation,” where advanced engineering meets customer-centric design to empower pharma manufacturers worldwide.

XTECHNOCRAT is INDIA's FIRST Single Source Supplier for Pharma Machinery as Turn Key Projects & Industrial Robotics.

XTECHNOCRAT is in Manufacturing of Pharma Machines for OSD, Tube, Oral & Injectable liquid, Dry Powder, Sachet, Stick pack as Integrated Line, End of Line Solution, Industrial Automation, Industrial Robotics, Labelling Machine, Clean Room Furniture, Vision Inspection and Track & Trace Solution and Automatic Storage Solution.

Vision

To be a global leader in providing innovative, reliable, and sustainable engineering solutions that empower industries to achieve efficiency, precision, and growth.

Mission

our mission is to design and deliver world-class machinery and automation solutions with cutting-edge technology, uncompromising quality, and customer-centric service. We aim to create value through innovation, foster long-term partnerships, and contribute to the advancement of manufacturing excellence.

Objectives

- Innovation & Technology
- Quality & Compliance
- Customer Focus
- Sustainability
- Global Expansion
- People & Growth



TURNKEY PROJECTS



We specialize in delivering end-to-end pharmaceutical turnkey solutions, ensuring seamless project execution from concept to commissioning. With decades of combined industry expertise, our team guarantees precision, compliance, and innovation at every stage.

Project Includes

- Master Planning
- Unique Design
- Machine Manufacturing Facility
- Installation & commissioning
- Maintenance & Repair Services

Our Turnkey Services Include

Project Consultancy & Design

- Feasibility studies and project planning
- Conceptual, basic & detailed engineering design
- cGMP-compliant facility layout as per WHO, USFDA, EU guidelines

Facility Construction & Setup

- State-of-the-art cleanroom construction
- HVAC, water systems, and utility design
- Modular facility development

Pharma Machinery & Equipment Supply

- Granulation, coating, compression, and encapsulation lines
- Liquid, ointment, and sterile injectable plants
- Packaging, labeling, and inspection machinery



Validation & Documentation

- IQ, OQ, PQ validation protocols
- Regulatory documentation support
- (USFDA, EU GMP, WHO GMP, MHRA, TGA)
- Compliance audits & gap analysis

Automation & Smart Manufacturing

- PLC & SCADA integrated systems
- Industry 4.0 compliant manufacturing solutions
- Data integrity and electronic batch recording (21 CFR Part 11 compliant)

Training & After-Sales Support

- Operator & staff training
- Maintenance contracts and technical support
- Continuous process improvement consulting

Industries We Serve



Pharmaceutical
Manufacturing



Nutraceutical
Manufacturing



Herbal &
Ayurvedic
Formulations



Biotech &
API Facilities



Cosmetics
Manufacturing
Plant



Why Choose Us

40+ Years
of Combined Expertise

Global
Project Experience

Quality-Driven
& Cost-Effective

One-Stop
Turnkey Solutions

OINTMENT MANUFACTURING PLANT



The Ointment Manufacturing Plant is a state-of-the-art system designed for the efficient and hygienic manufacturing of pharmaceutical ointments, creams, lotions, gels, and cosmetic formulations. Engineered with precision and built to comply with GMP standards, the plant ensures uniform product quality, safe operation, and high production efficiency.

Range: 100 - 10000 Ltrs.



Technical Specifications

Model	XT-OMP-100	XT-OMP-500	XT-OMP-1000
Working Capacity Ltrs.	100	500	1000
Gross Capacity Ltrs.	120	600	1200
MOC	All Non-Contact Parts SS304		
Jacket Material	Water	Water	Water
Heating Element	Electrical Heater	Electrical Heater	Electrical / Steam Heater
Material of Insulation	Glass Wool	Glass Wool	Glass Wool
Insulation	50 mm	50 mm	50 mm
Agitator	Top / Bottom Fixed Stirrer	Top / Bottom Fixed Stirrer	Top / Bottom Fixed Stirrer
Motor	1 HP, 50-1440 RPM,	3 HP, 50-1440 RPM,	7.5 / 10 HP, 50-1440 RPM,
Power Supply	415 V / 50 Hz / 3 Ph / AC	415 V / 50 Hz / 3 Ph / AC	415 V / 50 Hz / 3 Ph / AC
A.C. Drive	Yes	Yes	Yes

TUBE FILLING MACHINE



Automatic Rotary Tube Filling and Sealing Machine

Technical Specifications

Model	Semi Auto	Auto Single Head	Auto Double Head
No. of Filling Head	Single Head	Single Head	Double Head
No. of Station	(Geneva Cam Driven)	(Geneva Cam Driven)	(Geneva Cam Driven)
Tube Loading	Manual	Auto Single	Auto Double
Hopper Capacity	20 Litre	25 Litre	35 Litre
Output (Per Min)	27 - 30 tubes	30 - 40 tubes	40 - 80 tubes
Tube Diameter	12 to 50 mm	12 to 50 mm	12 to 50 mm
Tube Length	50 to 200 mm	50 to 200 mm	50 to 200 mm
Max. Filling Capacity	15 to 200 grams	15 to 200 grams	15 to 200 grams
Syringe Option	5 to 20 grams 30 to 100 grams 100 to 200 grams	5 to 20 grams 30 to 100 grams 100 to 200 grams	5 to 20 grams 30 to 100 grams 100 to 200 grams
Air Heater	2 Kw	2 Kw	2.5 Kw
Water Pump (For Cooling of the Heater)	0.50 H.P.	0.50 H.P.	0.50 H.P.
Power	1 H.P.	1 H.P.	2 H.P.
Electrical	440 Volts, 3 Phase, 50 Hertz, Four Wire System	440 Volts, 3 Phase, 50 Hertz, Four Wire System	440 Volts, 3 Phase, 50 Hertz, Four Wire System
Compressed Air	6 Bar	10 Bar	12 Bar
Machine Dimension MM	900 x 1100 x 1800	1200 x 1200 x 1800	2200 x 1200 x 1800
Compressed Air	250 Kgs.	350 Kgs.	465 Kgs.



Automatic Single Head Linear Tube Filling Machine



Capacity	60 Tubes/Min	120 Tubes/Min
Power	4.25 KW	4.25 KW
Packaging type	Plastic Tubes	Plastic Tubes
Usage/App	Pharma	Pharma
Brand	Xtechnocrat	Xtechnocrat
Machine Type	Automatic	Automatic
Filling System	Fully-Automatic	Fully-Automatic
Filling Range	3gm to 250 gm	3gm to 250 gm
Filling Accuracy	+/-1%	+/-1%
Tube Diameter	11mm to 60 mm	11mm to 60 mm
Tube Length	80mm to 210 mm	80mm to 210 mm
Sealing System	Hot Air Sealing	Hot Air Sealing
Compressed Air	6 Bar Max	8-10 Bar Max
Chilled Water	8-10 Degree C	8-10 Degree C
Weight	650 Kgs Approx	850 Kgs Approx



Automatic Double Head Linear Tube Filling Machine

Double Head Jar/Bottle Filling Machine



Type	Double Head Jar/Bottle
Suitable for type of Bottle/Jar	ANY
Output(Tubes/Hour) (Max)	2400-3000 tubes /hr.(Depends upon the viscosity of the filling material, and the fill volume) 5-30grm 40-50 Bottle/Min. 40-100grm 30-40 Bottle/Min. 100-250grm 30-25Bottle/Min. 250-1000grm 25-20Bottle/Min.
Filling Range	5gms-1000gms (With Interchangeable syringe pumps)
Filling accuracy	+2% of fill weight
Product Types to be handled	Cream, Gel, Ointment, Toothpaste, facewash, handwash, Chawanprash etc.
Hopper Capacity	30-50ltr.
Utility supply in customer scope	Filtered dry compressed air 6-8kg pressure.
Machine Dimension	Width:-1700mmLength:-1350mmHeight:-2200 mm
Weight	650kgs Approx

Tube filling machine for plastic, laminate and aluminum tubes (300 ppm)

TECHNOLOGY: Tube Filling

INDUSTRY: Home Care, Personal Care, Food, Chemicals

SEGMENT: Other Home Care, Liquid Soaps, Cosmetics, Deodorants, Hair Care, Men's Shaving, Toothpaste, Skin & Sun Care, Oils & Fats, Spreads, Other Chemicals

This is a side-load, continuous motion cartoning machine suitable for automatic packaging of pharmaceutical, nutraceutical, cosmetic and food products into pre-glued cartons. It features a balcony-style design, a neat separation between electrical and mechanical sections and belt-driven mechanical movements for low-noise operation. Positive carton pick-up and forming, controlled transportation based on an adjustable belt system, and coated guides to eliminate marking on components allow smooth operation and materials handling. The extended carton magazine offers a very high loading capacity and can be moved away from the product flow area to allow full machine accessibility for maintenance and changeover. Tuck-in, hot melt or a combination of tuck-in and hot melt (tamper evident) flap closures are available.



Specifications

- | | | |
|---------------------------|------------------------------|--------------------------------------|
| - Machine depth (mm)3350 | - Max filling volume (ml)200 | - Packaging material |
| - Machine height (mm)2220 | - Min filling volume (ml)1 | Aluminium - Laminated - Plastic |
| - Machine length (mm)5200 | - Max pack length (mm)200 | - Packaging Shape Cylindrical - Oval |
| - Machine weight (kg)6500 | - Min pack length (mm)50 | |

AUTO CARTONING MACHINE



Intermittent Cartonning Machine

MODEL XT-IC 120

Sr. No.	Description	Indicative Specification	
1	Carton Type	Gluing or Tuckin 7.5"P	
	Carton Size	Minimum (mm)	Maximum (mm)
2	Width	40	150
	Height	30	100
	Length	85	200
Sr. No.	Description	Indicative Specification	
1	Booklet	Folded and pasted	
	Booklet size	Minimum (mm)	Maximum (mm)
2	Width	30	50
	Length	40	100
	Thickness	3	8
Sr. No.	Description	Indicative Specification	
1	Leaflet	Prefolded	
	Folded Size	Minimum (mm)	Maximum (mm)
2	Width	25	40
	Length	110	180



Continuous Cartonning Machine

MODEL XT-HC 120

Well Suited To Handle Products
Such as Tubes, Bottles, Vials, Blisters,
Soaps, Sachets, Pouches Etc.



Features

- Continuous motion loading enables gradual and smooth product insertion.
- Safety features to protect the machine against mechanical and electrical overloads.
- Programmable operational time for key machine functions.
- HMI enables fast and easy troubleshooting of issues reducing downtime.
- Programmable user profiles to restrict HMI access based on user level.
- Variable speed drive allows to match cartonning speed with upstream equipment such as a tube filling.
- Bottle filling or labelling machine.

Technical Specifications

Carton Length	55 mm - 65 mm (2-chain machine) 65 mm - 180 mm (3-chain machine) 75 mm - 210 mm (4-chain machine)
Carton Width	20mm - 80mm
Carton Height	15mm-60mm
Carton Type	Reverse tuck-in, glued closure straight tuck-in
Carton Specification	280-350gsm (140° pre-folded)
Folded Leaflet Specifications	20-40mm Width 110-170 mm Length
Machine Speed	120 Cartons/minute
Power Consumption	~4.0 kw, 3 phase 415V, 50 Hz
Compressed Air Pressure	4.5 kg/cm2 (minimum)
Compressed Air Volume	12-18 CFM (depending on optional items)
Net Weight	~1300kg
Gross Weight	~1800kg
Machine Dimension (LxBxH)	4200mmX2060mmx2010mm (Basic Machine)

MODEL XT-HC 220



**WELL SUITED TO HANDLE PRODUCTS SUCH
AS TUBES, BOTTLES, VIALS, BLISTERS, SOAPS,
SACHETS, POUCHES ETC.**

Optional Items

- Pre-folded leaflet insertion unit, folding and insertion unit.
- Online printing or debossing with stereos.
- TIJ/CIJ printing unit with printing inspection system.
- Safety guards with/without door switch interlock.
- Transfer systems for bottles, vials, tubes, blisters etc. available.
- Barcode/ Pharmacode detection for carton and leaflet.
- CE certification of the machine.
- 21 CFR Part 11 Compliance.

Interlocks and Alarms

- No-product no-leaflet
- No-leaflet no-carton
- No-carton no-push
- Low Air pressure detection and action
- Pusher overload detection and action
- Drive overload detection and action
- Low carton/leaflet level warnings

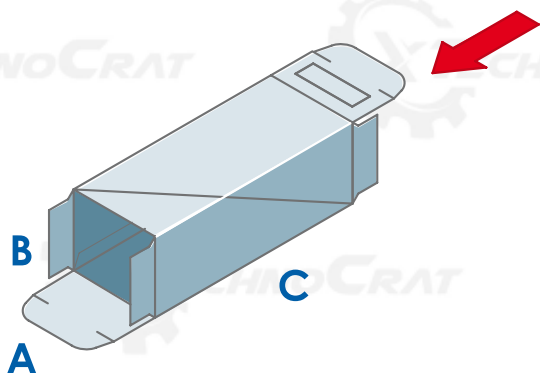
Technical Specification

Carton Length	55 mm - 65 mm (2-chain machine) 65 mm - 180 mm (3-chain machine) 75 mm - 210 mm (4-chain machine)
Carton Width	20mm - 80mm
Carton Height	15mm-60mm
Carton Type	Reverse tuck-in, glued closure straight tuck-in
Carton Specification	280-350gsm (140° pre-folded)
Folded Leaflet Specifications	20-40mm Width 110-170 mm Length
Machine Speed	200 Cartons/minute
Power Consumption	~4.0 kw, 3 phase 415V, 50 Hz
Compressed Air Pressure	4.5 kg/cm2 (minimum)
Compressed Air Volume	12-18 CFM(depending on optional items)
Net Weight	~1500kg
Gross Weight	~2200kg
Machine Dimension (LxBxH)	4000mmx2060mmx2010mm(Basic Machine)

MODEL XT-HC 320



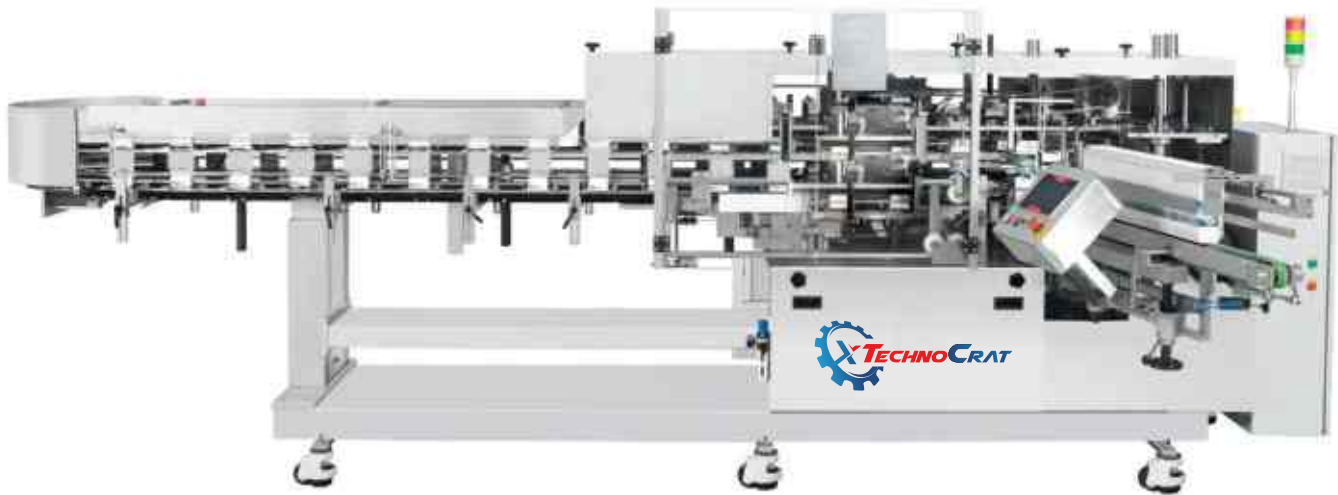
The HC320 is a side-load, continuous motion cartoning machine suitable for automatic packaging of pharmaceutical, nutraceutical, cosmetic and food products into pre-glued cartons. It features a balcony-style design, a neat separation between electrical and mechanical sections and belt-driven mechanical movements for low-noise operation. Positive carton pick-up and forming, controlled transportation based on an adjustable belt system, and coated guides to eliminate marking on components allow smooth operation and materials handling. The extended carton magazine offers a very high loading capacity and can be moved away from the product flow area to allow full machine accessibility for maintenance and changeover. Tuck-in, hot melt or a combination of tuck-in and hot melt (tamper evident) flap closures are available.



	A (mm)	B (mm)	C (mm)
XT-HC 320	15 ÷ 90	15 ÷ 90	60 ÷ 220

	XT-HC 320
Mechanical output	300 carton/min
Power supply	230÷400V - 50Hz
Installed power	
Hot melt closure	9 kW
Tuck-in closure	3 kW
Max. air consumption	350 NI/min
Changeover time	20 min
Approx. weight	1,950 kg

Vertical Cartoning Machine



MODEL XT - VC 120

Features

- Automatic carton erection-manual product insertion.
- Automatic leaflet insertion available (optional).
- Safety features to protect the machine against mechanical and electrical overloads.
- Interlocking operation between product detection, leaflet placement, carton placement and pusher operation, If carton is not placed, the leaflet insertion shall be by-passed.
- Programmable operational time for key machine functions.
- HMI enables fast and easy troubleshooting of issues reducing downtime.
- Programmable user profiles to restrict HMI access based on user level.
- Variable speed drive allows to match cartoning speed with available human resources.
- Empty carton rejection system comes pre-installed with this machine.

Specification	Ratings	
Power Consumption	2.5 kw (approx.)	
Machine Speed	upto 120 cartons/minute	
Carton Dimension Supported	1. Length: 65-320mm 2. Width: 20-135mm 3. Height: 20-90mm	
Machine Weight	Net Weight	1200kg (Approx.)
	Gross Weight	1500kg (Approx.)
Machine Dimension (LxBxH)	4610mmx1893mmx1848mm	
Compressed Air Pressure	4.5kg/cm ²	
Compressed Air CFM	8 CFM (without leaflet unit) 12 CFM (with leaflet unit)	
Machine and Operator Safety	Safety Guards	
	Mechanical Overload Protection	
	Electrical Overload Protection	



GLOBAL PRESENCE



✉ info@xtechnocrat.com

🌐 www.xtechnocrat.com

XTECHNOCRAT INDIA PVT. LTD.

📍 Manufacturing Unit

Plot No. 14/1/B, Panchratna Ind. Estate,
Nr. Ramol over bridge, Ramol, Vatva GIDC,
Phase 4, Ahmedabad, India -382445

📍 Branch Office

Mumbai | Hyderabad | Chandigarh | Kolkata
Bangalore | Delhi | Haridwar

☎ +91 95602 39666